Electronic Acknowledgement Receipt				
EFS ID:	2125534			
Application Number:	09826274			
International Application Number:				
Confirmation Number:	2953			
Title of Invention:	CATHODE ASSEMBLY FOR INDIRECTLY HEATED CATHODE ION SOURCE			
First Named Inventor/Applicant Name:	Joseph C. Olson			
Correspondence Address:	Gary L. Loser Varian Semiconductor Equipment Associates, Inc. 35 Dory Street - Gloucester MA 01930 US 9782813152 -			
Filer:	Scott Richard Faber/Constance S. Ouellette			
Filer Authorized By:	Scott Richard Faber			
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Application Type:	Utility under 35 USC 111(a)			
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Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$1709
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Deposit Account 500896

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

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File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)			
1 Issue Fee Payment (PTO-85B)	issuefeetrans.pdf	104683	no	1				
		39b318d43659ffe0837bcaee571cb147 513862a2						
Warnings:								
Information:								
2 Fee Worksheet (PTO-06)	fee-info.pdf	8480	no	2				
		f968eba1307de1a8f78044b691451de6 7e36588f						
Warnings:								
Information:								
		Total Files Size (in bytes):	113163					

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New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.